FIG 1

2

1
Source

Receivers
4

Low-velocity layer
5

Basement
6

3
Reflector

FIG   2

P -to- S

P -to- P

7"

7'

Surface layer
5

Basement
6

7 Up-going P

FIG   3

P arrival   P leakage

o ————————————————————— z

dt

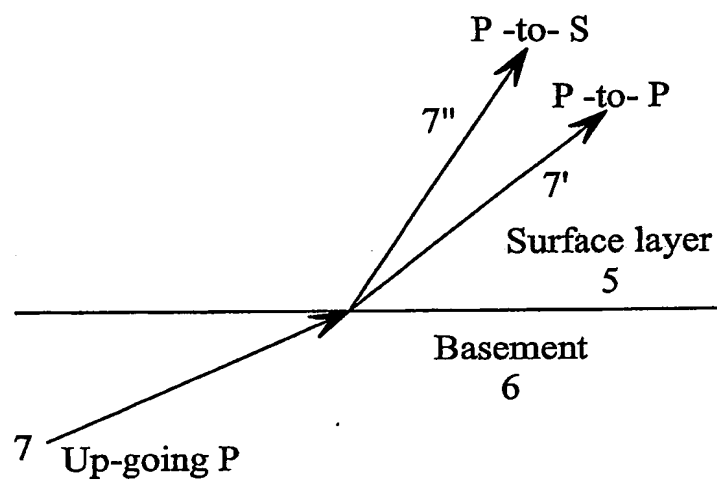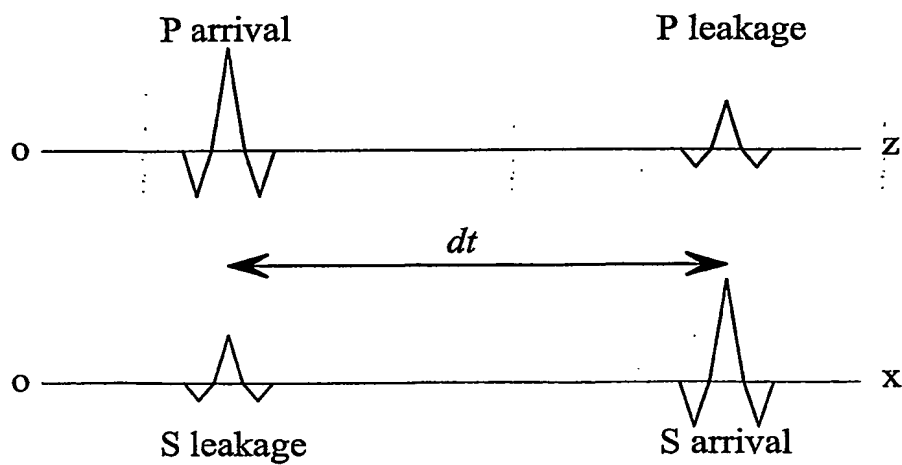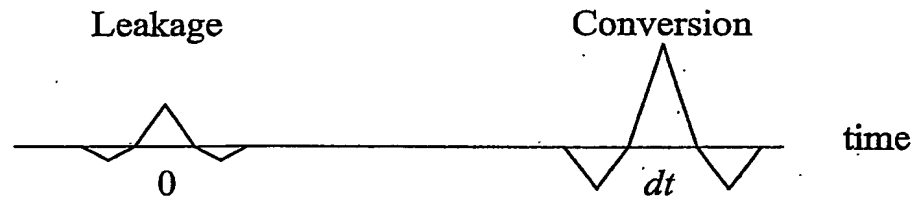o ————————————————————— x

S leakage   S arrival

FIG   4

Cross-correlogram between vertical and horizontal components in figure 3.
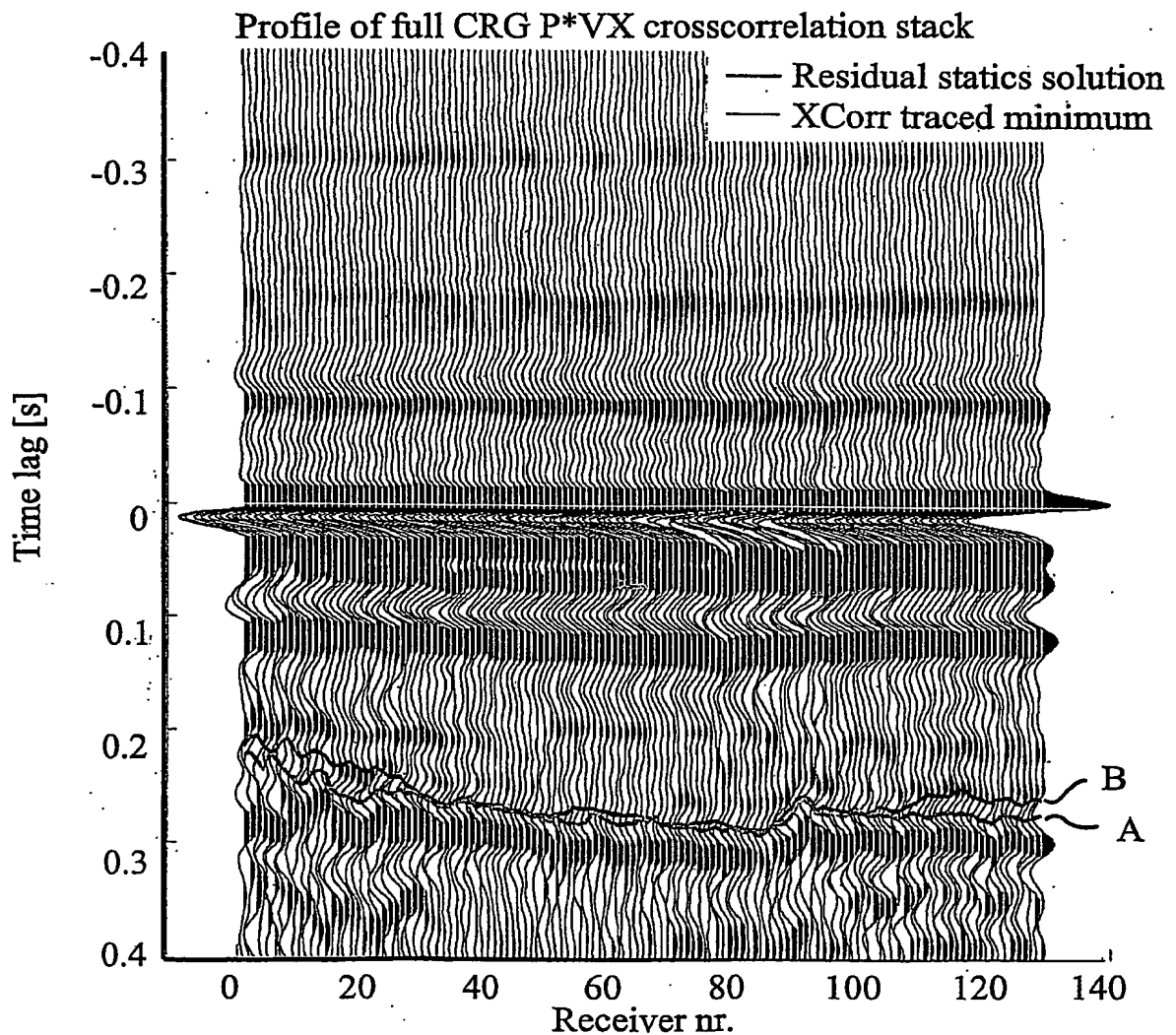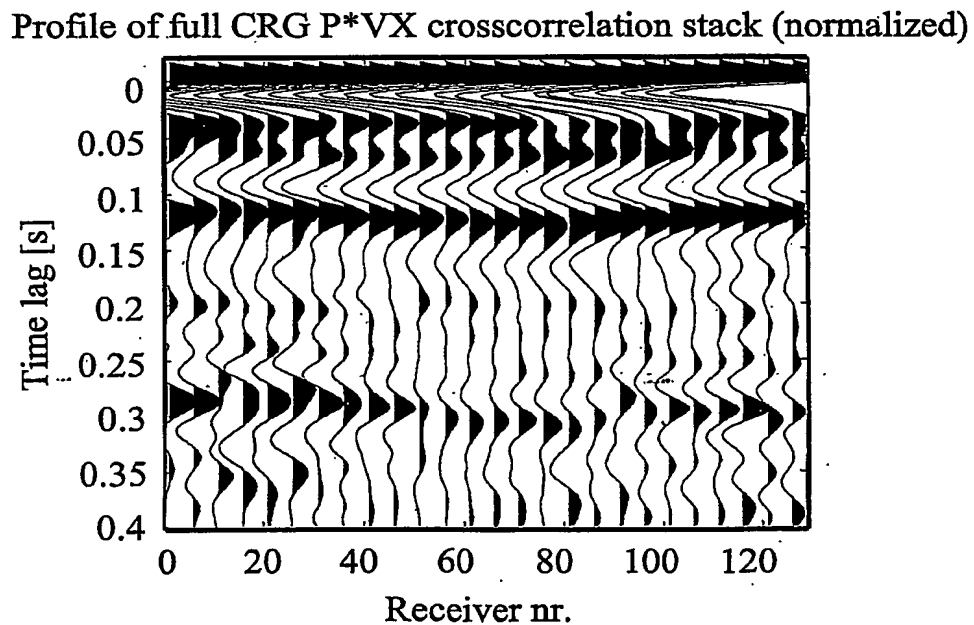
Leakage   Conversion
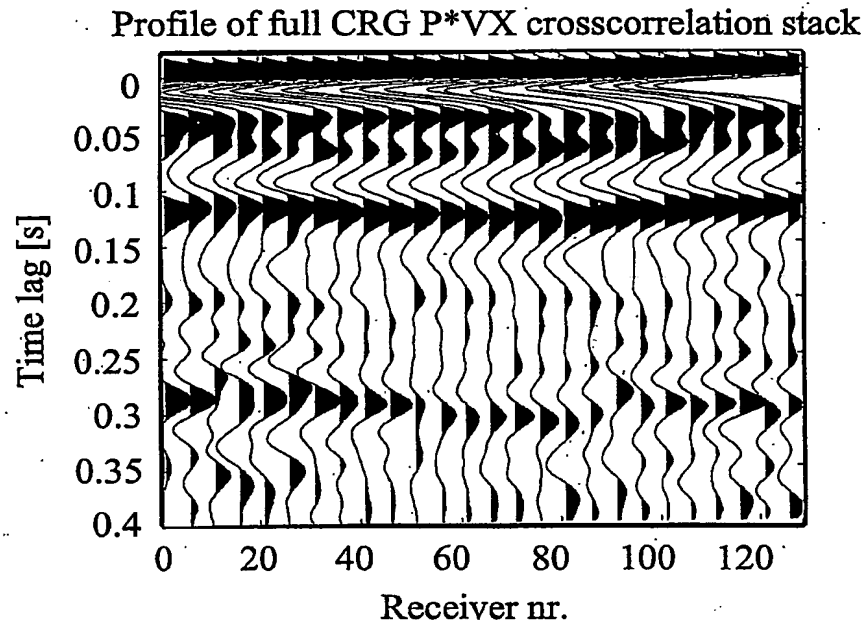
time

0   dt

FIG   5

Cross-correlogram stack (P and vx) using a 2D line from the Kappa survey.

Profile of full CRG P*VX crosscorrelation stack

—— Residual statics solution
—— XCorr traced minimum

Time lag [s]

-0.4
-0.3
-0.2
-0.1
0
0.1
0.2

B

A

0.3
0.4

0   20   40   60   80   100   120   140
Receiver nr.

Profile of full CRG P*VX crosscorrelation stack

Profile of full CRG P*VX crosscorrelation stack (normalized)
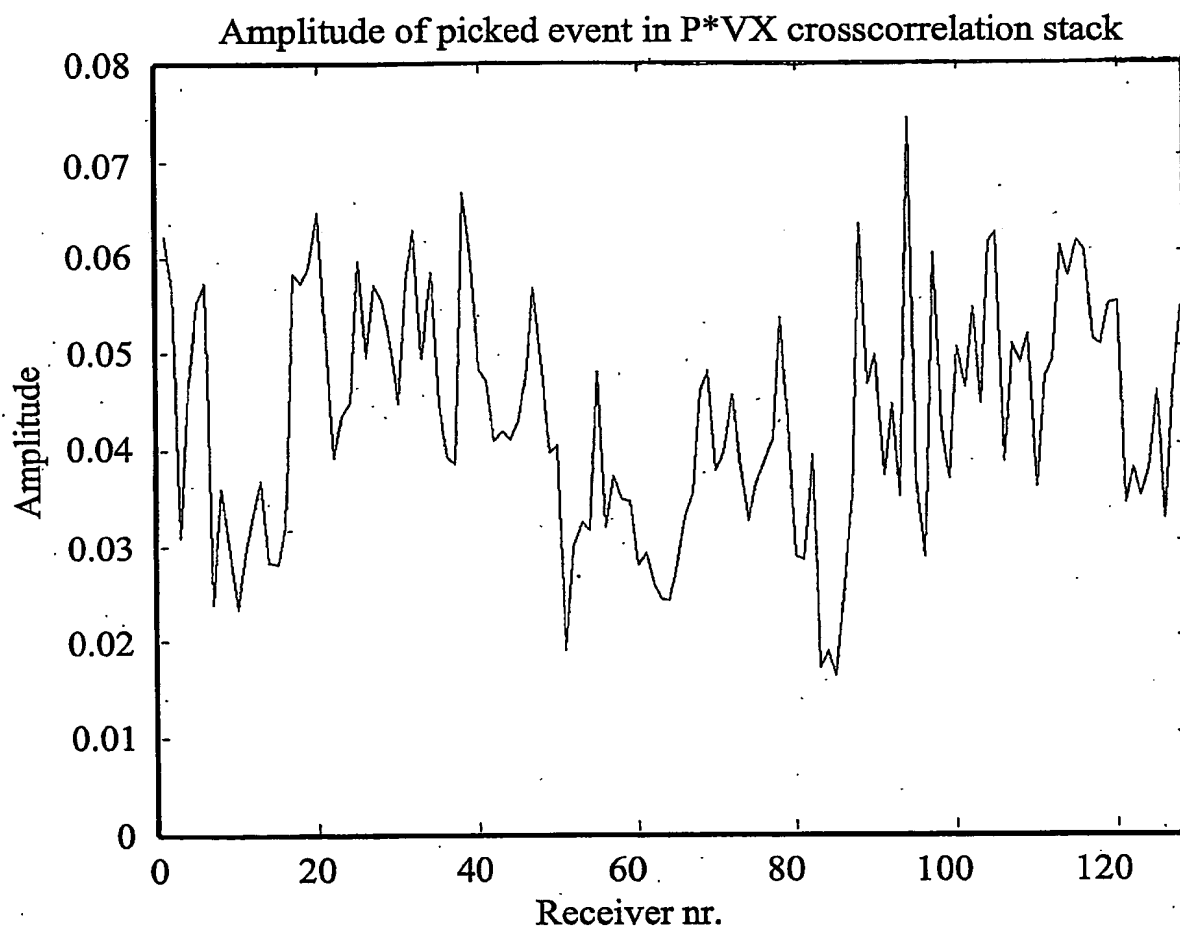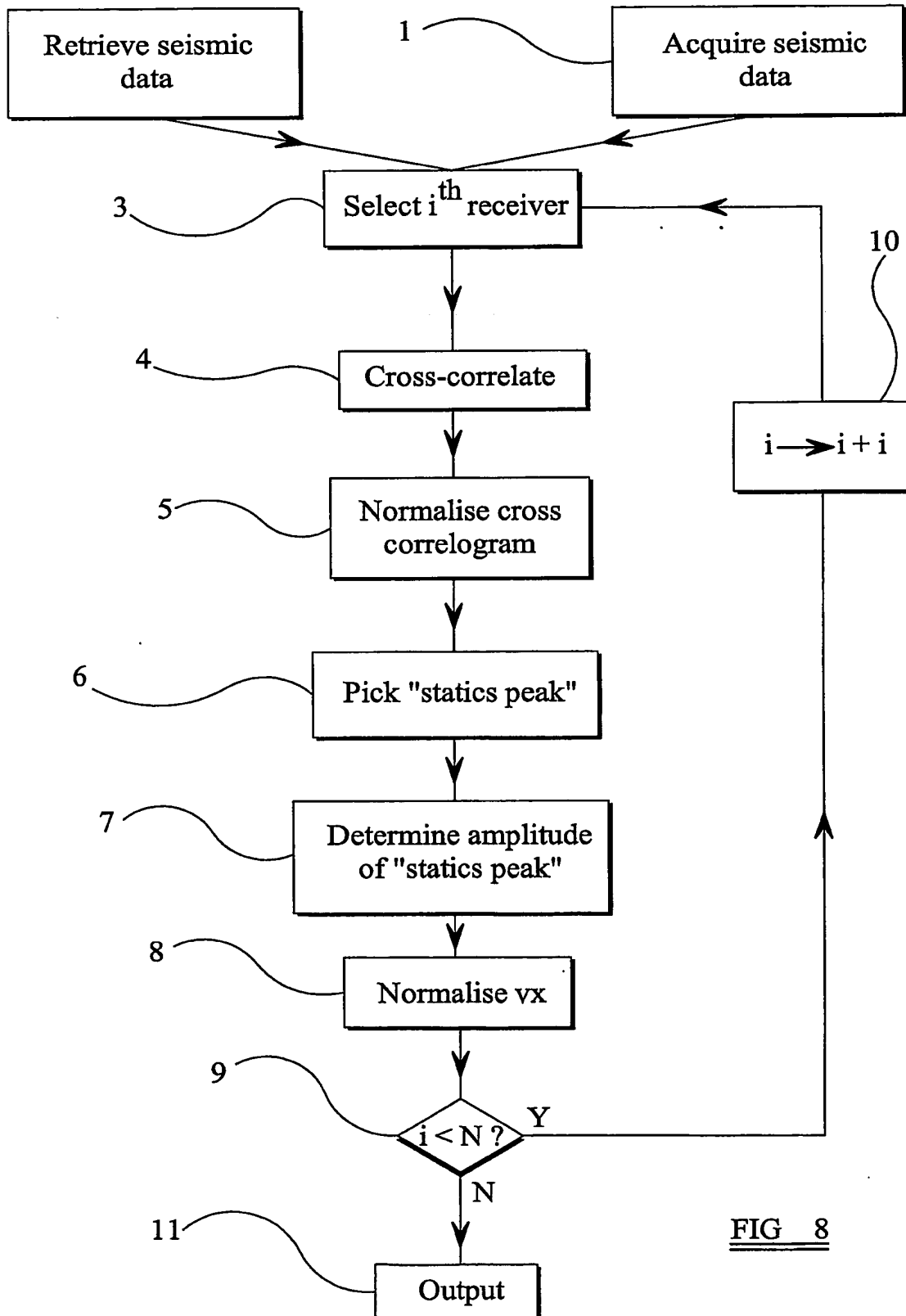

Figures 6(a) and 6(b): Same data as shown in figure 5.Figure 6(a) (Upper): raw data Figure 6(b) (Lower): data after normalizing to the peak at lag-time 0.

FIG   7

A pertubation correction estimated from the plots in figure 6(b).

FIG 8

FIG   9